

CLAIMS

1. A data manager apparatus for logging data in a network, comprising:
2 a receiver configured to receive a command from a data client over a
network connection;
4 a processor configured to process the command; and
a transmitter configured to send a response to the data client.
2. The apparatus of Claim 1 wherein the processor is configured to keep
2 the network connection alive.
3. The apparatus of Claim 1 wherein the processor is configured to keep
2 the network connection closed.
4. The apparatus of Claim 1 wherein the processor is configured to provide
2 a list of data types.
5. The apparatus of Claim 1 wherein the processor is configured to provide
2 information on a version of a protocol.
6. The apparatus of Claim 1 wherein the processor is configured to register
2 a new data client.
7. The apparatus of Claim 1 wherein the processor is configured to
2 unregister a data client.
8. The apparatus of Claim 1 wherein the processor is configured to provide
2 a buffered data.
9. The apparatus of Claim 1 wherein the processor is configured to stop
2 logging data.
10. The apparatus of Claim 1 wherein the processor is configured to start
2 logging data.

11. The apparatus of Claim 1 wherein the processor is configured to provide
2 status of the data manager.
12. The apparatus of Claim 11 wherein the providing the status includes
2 providing an address of the data manager in the network.
13. The apparatus of Claim 11 wherein the providing the status includes
2 indicating availability of the data manager.
14. The apparatus of Claim 11 wherein the providing the status includes
2 providing a data-delivery type.
15. The apparatus of Claim 14 wherein the data delivery type includes
2 streamed data-delivery type.
16. The apparatus of Claim 14 wherein the data delivery type includes
2 buffered data-delivery type.
17. The apparatus of Claim 1 wherein the processor is configured to provide
2 time in the data manager.
18. The apparatus of Claim 1 wherein the processor is configured to provide
2 unit information of a data.
19. The apparatus of Claim 1 wherein the processor is configured to provide
2 an error condition.
20. The apparatus of Claim 1 wherein the processor is configured to accept
2 the command.
21. The apparatus of Claim 1 wherein the processor is configured to decline
2 the command.
22. A data client apparatus for logging data in a network, comprising:

- 2 a processor to generate a command;
a transmitter configured to send the command to a data manager over a
4 network connection; and
a receiver configured to receive a response from the data manager.

23. The apparatus of Claim 22 wherein the processor is configured to
2 generate a command for keeping the network connection alive.

24. The apparatus of Claim 22 wherein the processor is configured to
2 generate a command for keeping the network connection closed.

25. The apparatus of Claim 22 wherein the processor is configured to
2 generate a command for a list of data types.

26. The apparatus of Claim 22 wherein the processor is configured to
2 generate a command for a version of a protocol.

27. The apparatus of Claim 22 wherein the processor is configured to
2 generate a command to register a new data client.

28. The apparatus of Claim 22 wherein the processor is configured to
2 generate a command to unregister a data client.

29. The apparatus of Claim 22 wherein the processor is configured to
2 generate a command for providing a buffered data.

30. The apparatus of Claim 22 wherein the processor is configured to
2 generate a command for stopping logging data.

31. The apparatus of Claim 22 wherein the processor is configured to
2 generate a command for starting logging data.

32. The apparatus of Claim 22 wherein the processor is configured to
2 generate a command for providing status of the data manager.

2 33. The apparatus of Claim 22 wherein the processor is configured to generate a command for providing time in the data manager.

2 34. The apparatus of Claim 22 wherein the processor is configured to generate a command for providing unit information of a data.

2 35. A method for logging data in a network including a data client and a data manager, comprising:

4 sending a command from the data client to the data manger over a network connection;

6 processing the command by the data manager; and

6 sending a response to the command from the data manager to the data client.

2 36. The method of Claim 35 wherein the sending the command includes requesting the network connection be kept alive.

2 37. The method of Claim 35 wherein the sending the command includes requesting the network connection be kept closed.

2 38. The method of Claim 35 wherein the sending the command includes requesting a list of data types.

2 39. The method of Claim 38 wherein the sending the response includes providing the list of data types.

2 40. The method of Claim 35 wherein the sending the command includes requesting information on a version of a protocol.

2 41. The method of Claim 40 wherein the sending the response includes providing the version of the protocol.

2 42. The method of Claim 35 wherein the sending the command includes registering a new data client.

2 43. The method of Claim 42 wherein the sending the command includes providing an address for the new client.

2 44. The method of Claim 42 wherein the sending the command includes providing a data type for the new client.

2 45. The method of Claim 42 wherein the sending the command includes providing a data delivery type for the new client.

2 46. The method of Claim 45 wherein the data delivery includes streamed data delivery type.

2 47. The method of Claim 45 wherein the data delivery type includes buffered data delivery type.

2 48. The method of Claim 42 wherein the sending the command includes providing a data format for the new client.

2 49. The method of Claim 42 wherein the sending the command includes providing a data-sampling rate for the new client.

2 50. The method of Claim 42 wherein the sending the command includes providing a condition for logging data to the new client.

2 51. The method of Claim 35 wherein the sending the command includes requesting a data client to be unregistered.

2 52. The method of Claim 35 wherein the sending the command includes requesting a buffered data.

53. The method of Claim 35 wherein the sending the command includes
2 requesting to stop logging data.

54. The method of Claim 35 wherein the sending the command includes
2 requesting to start logging data.

55. The method of Claim 35 wherein the sending the command includes
2 requesting status of the data manager.

56. The method of Claim 55 wherein the sending the response includes
2 sending an address of the data manager in the network.

57. The method of Claim 55 wherein the sending the response includes
2 indicating availability of the data manager.

58. The method of Claim 55 wherein the sending the response includes
2 indicating a data delivery type.

59. The method of Claim 58 wherein the data-delivery type includes
2 streamed data-delivery type.

60. The method of Claim 58 wherein the data-delivery type includes buffered
2 data-delivery type.

61. The method of Claim 35 wherein the sending the command includes
2 requesting time in the data manager.

62. The method of Claim 35 wherein the sending the command includes
2 requesting unit information of a data.

63. The method of Claim 35 wherein the sending the response includes
2 indicating an error condition.

64. The method of Claim 35 wherein the sending the response includes
2 indicating acceptance of the command.

65. The method of Claim 35 wherein the sending the response includes
2 indicating declining the command.

66. An apparatus for logging data in a network including a data client and a
2 data manager, comprising:

means for sending a command from the data client to the data manger
4 over a network connection;

means for processing the command by the data manager; and

6 means for sending a response to the command from the data manager to
the data client.

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67. A computer readable medium embodying a method for logging data in a
2 network including a data client and a data manager, the method comprising:

4 sending a command from the data client to the data manger over a
network connection;

processing the command by the data manager; and

6 sending a response to the command from the data manager to the data
client.

68. An apparatus for logging data in a network, comprising:

2 a memory unit; and

4 a digital signal processing (DSP) unit communicatively coupled to the
memory unit, the DSP unit being capable of:

6 sending a command from a data client to a data manger over a network
connection;

processing the command; and

8 sending a response to the command to the data client.

69. A method for logging data in a data client, comprising:

2 sending a command from the data client to a data manger over a network
connection; and

- 4 receiving a response to the command from the data manager.
70. An apparatus for logging data in a network, comprising:
- 2 means for sending a command to a data manger over a network connection; and
- 4 means for receiving a response to the command from the data manager.
71. A computer readable medium embodying a method for logging data in a data client, the method comprising:
- 2 sending a command from the data client to a data manger over a network connection; and
- 4 receiving a response to the command from the data manager.
72. An apparatus for logging data in a network, comprising:
- 2 a memory unit; and
- 4 a digital signal processing (DSP) unit communicatively coupled to the memory unit, the DSP unit being capable of:
- 6 sending a command from the data client to a data manger over a network connection; and
- receiving a response to the command from the data manager.
73. A method for logging data in a network, comprising:
- 2 receiving a command from a data client over a network connection;
- processing the command; and
- 4 sending a response to the data client.
74. A computer readable medium embodying a method for logging data in a network, the method comprising:
- 2 receiving a command from a data client over a network connection;
- 4 processing the command; and
- sending a response to the data client.
75. An apparatus for logging data in a network, comprising:

2 means for receiving a command from a data client over a network
connection;

4 means for processing the command; and
means for sending a response to the data client.

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76. An apparatus for logging data in a network, comprising:

2 a memory unit; and

4 a digital signal processing (DSP) unit communicatively coupled to the
memory unit, the DSP unit being capable of:

receiving a command from a data client over a network connection;

6 processing the command; and

sending a response to the data client.